

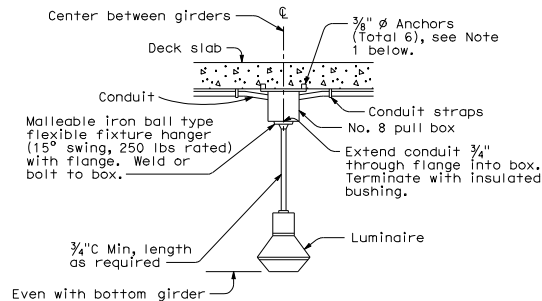
SECTION A-A

NOTES:

1. Place $\frac{1}{4}$ " plywood disk in body opening during pouring.
2. Install luminaire with axis vertical and "street side" of refractor oriented as indicated on lighting layout.
3. Luminaire shall be located so as to provide minimum clearance of 2'-0" from inside surface of girders and 1'-0" from near face of diaphragm.
4. Bridge soffit and ceiling pull box should be installed over same lane.

DETAIL F

FLUSH SOFFIT LUMINAIRE INSTALLATION

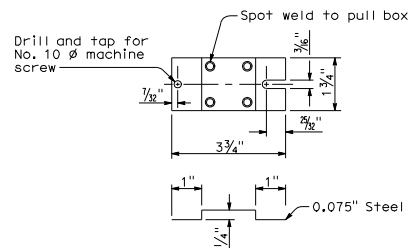


NOTES:

1. Cast-in-place inserts or expansion anchor.
2. For future installation, omit suspension conduit and luminaire, close flange with galvanized plug.
3. If conduit smaller than the knockout size is used, it shall be bonded to the box.

DETAIL P

PENDANT SOFFIT LUMINAIRE INSTALLATION

TERMINAL BLOCK
MOUNTING BRACKET

Provide one-Size $1\frac{1}{2}$ " (Total 4) and one-Size 1" (Total 4) knockout on each of four sides. Pound flat after punching.

4-3" Lengths of 1" x 1" x 0.105" steel angle welded to box, one per side. Punch $\frac{3}{16}$ " holes in outstanding leg.

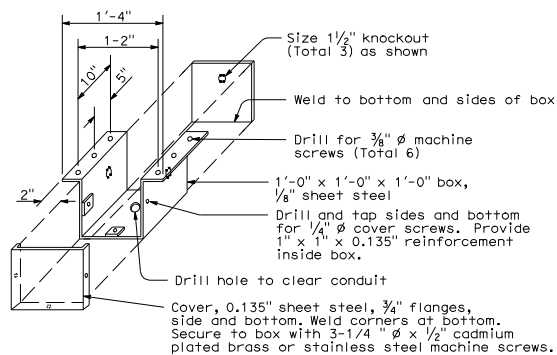
Drill and tap top and bottom flanges for $\frac{1}{4}$ " ϕ 20NC screws

Secure top and bottom covers with eight $\frac{1}{4}$ " ϕ 20NC brass machine screws

NOTES:

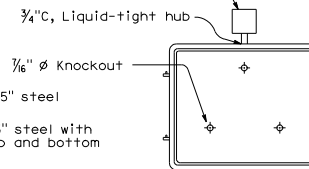
1. Install with bottom flange flush with concrete.
2. Both covers shall be on a box during pouring.

No. 7 CEILING PULL BOX

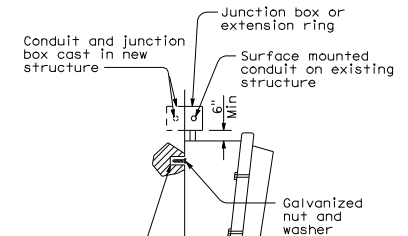


No. 8 PULL BOX

5" x 6" x 4" NEMA Type 4 [0.135"] junction box (See Notes below)



Hole for the anchors shall be drilled with a non-percussion type drill. When reinforcing steel is encountered, the anchor shall be relocated and abandoned hole plugged with color matching PCC mortar.



SIDE VIEW

NOTES:

1. For existing structures, provide external mounting taps (Total 4).
2. For new structures, provide extension ring.

DETAIL W

WALL LUMINAIRE INSTALLATION

(Typical)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (ELECTRICAL DETAILS STRUCTURE INSTALLATIONS)

NO SCALE

ES-9E